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TI Study on particle size distribution and chemical activity of mechanical activated fly ash
AU Xu, Lingling; Yang, Nanru; Zhong, Baiqian
CS School of Materials Science + Engineering, Nanjing University of Technology, Nanjing, 210009, Peop. Rep. China
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PB Guisuanyan Tongbao Bianjibu
DT Journal
LA Chinese
CC 58-1 (Cement, Concrete, and Related Building Materials)
AB The particle size distribution and mineral composition of mech. activated fly ash were studied. The activating method was effective to improve the chemical activity of fly ash. The suitable sp. surface area of activated fly ash was 650-750 m² kg⁻¹. The activated fly ash with particle size of 2-10 μ m had best results in strength of fly ash-cement pastes.
ST fly ash mech activating particle size distribution cement
IT Ashes (residues)
(fly; study on particle size distribution and chemical activity of mech. activated fly ash)
IT Cement

→ teach it is old in the art to use
fine particle size fly ash w cement
to increase strength